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# Safe Neighborhoods LEARN User Guide

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## Contact Us

For inquiries, see [https://www.motorolasolutions.com/en\\_us/support.html](https://www.motorolasolutions.com/en_us/support.html) > **License Plate Recognition (Vigilant)** or contact our 24 hours support staff at:

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- Email: [vigilantsupport@motorolasolutions.com](mailto:vigilantsupport@motorolasolutions.com)

## Read Me First

### Notations Used in This Manual

Throughout the text in this publication, you notice the use of **Warning**, **Caution**, and **Notice**. These notations are used to emphasize that safety hazards exist, and the care that must be taken or observed.



**WARNING:** An operational procedure, practice, or condition, and so on, which may result in injury or death if not carefully observed.



**CAUTION:** An operational procedure, practice, or condition, and so on, which may result in damage to the equipment if not carefully observed.



**NOTE:** An operational procedure, practice, or condition, and so on, which is essential to emphasize.

### Special Notations

The following special notations are used throughout the text to highlight certain information or items:

Table 1: Special Notations

Example	Description
<b>Menu</b> key or <b>Camera</b> button	Bold words indicate a name of a key, button, or soft menu item.
The display shows <code>Settings Applied</code> .	Typewriter words indicate the MMI strings or messages displayed.
<code>&lt;required ID&gt;</code>	The courier, bold, italic, and angle brackets indicate user input.
<b>Setup</b> → <b>Settings</b> → <b>All Settings</b>	Bold words with the arrow in between indicate the navigation structure in the menu items.

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## Chapter 1

# Logging In to Law Enforcement Archival Reporting Network (LEARN)

**Prerequisites:** To review the terms and conditions before logging in, click **Vigilant Solutions terms and conditions\***.



**NOTE:** Agencies must first configure their domains for self-registration before the user being able to select their corresponding agency. Only users of approved government domains can submit self-registration requests to LEARN services.

### Procedure:

- 1 To log in, enter your **username** and **password** and click **Agree and Login**.



**NOTE:** A direct link to **Contact Support** is provided in case you are having problems with the login attempt.

**Figure 1: LEARN Login Screen**

- 2 On the multifactor authentication screen, enter the passcode sent to your email.

## Chapter 2

# Searching for License Plates

### Procedure:

- 1 Navigate to **PlateSearch**→**License Plate Query**→**Quick Search**.

**Figure 2: Quick Plate Search**

The screenshot displays the 'Quick Plate Search' interface. On the left, the 'Search Plate' panel includes a 'Plate Number' field, a 'Date Range' section with 'From' and 'To' date pickers, a 'Location' section with 'State' (radio button and dropdown menu showing AK, AL, AR, AZ) and 'County' (radio button and dropdown menu showing All), a 'Custom Map' section with a dropdown menu showing 'Not Used' and buttons for 'Create Map' and 'View Map', and a checkbox for 'Only view 'Detections' with GPS data'. At the bottom of this section are 'More Options' and 'Saved Searches' buttons with double arrows, and a 'Records To Show' dropdown set to '50 Records'. The right panel features the 'VIGILANT SOLUTIONS' logo, a 'Search Plate' input field, and a 'Data Source Filters' section with input fields for 'Make:', 'Model:', 'Year:', and 'Reg State:', and a 'Search' button.

- 2 To search for a specific license plate that has been detected by any camera system, type it into the **Search Plate** field or the **Plate Number** field and click **Search**.



**NOTE:** Leave the fields blank to search for all license plates.

- 3 To view a list of Data Source Filters, click **More Options**.
- 4 Use the filters to restrict the source of search results by the following selections:
  - Agency
  - SystemLocal/Remote LPR Server
  - White List Source
  - User
  - Hot List Source
  - Alert Type



**Figure 3: Data Source Filters**

The screenshot shows a web interface titled "Data Source Filters". It contains several input fields and checkboxes for filtering data. At the top, there are three text input fields labeled "Make:", "Model:", and "Year:". Below these are two checkboxes: "Only view 'Detections' with GPS data" (with an information icon) and "Show Daytime image in Nighttime image". Further down, there are checkboxes for "Hot List Hits" (with a sub-option "Ignore Out-of-State Alerts"), "Unique License Plate per day", and "System Type" (a dropdown menu set to "All"). To the right, there is a "Camera Name" input field, "Perimeter Surveillance" and "Camera Direction" dropdown menus (both set to "All"), and checkboxes for "Plate" and "Non Plate". At the bottom, there are six filter buttons, each with a radio button and a text label: "All Agencies" / "Select Agencies", "All Users" / "Select Users", "All Systems" / "Select Systems", "All Hot List Sources" / "Select Hot List Sources", "Local LEARN Server" / "Select LPR Server Links", and "All Alert Types" / "Select Alert Types".

5 Click the i icon next to a filter for more information about each filter.

## Chapter 3

# Viewing Search Results

### Procedure:

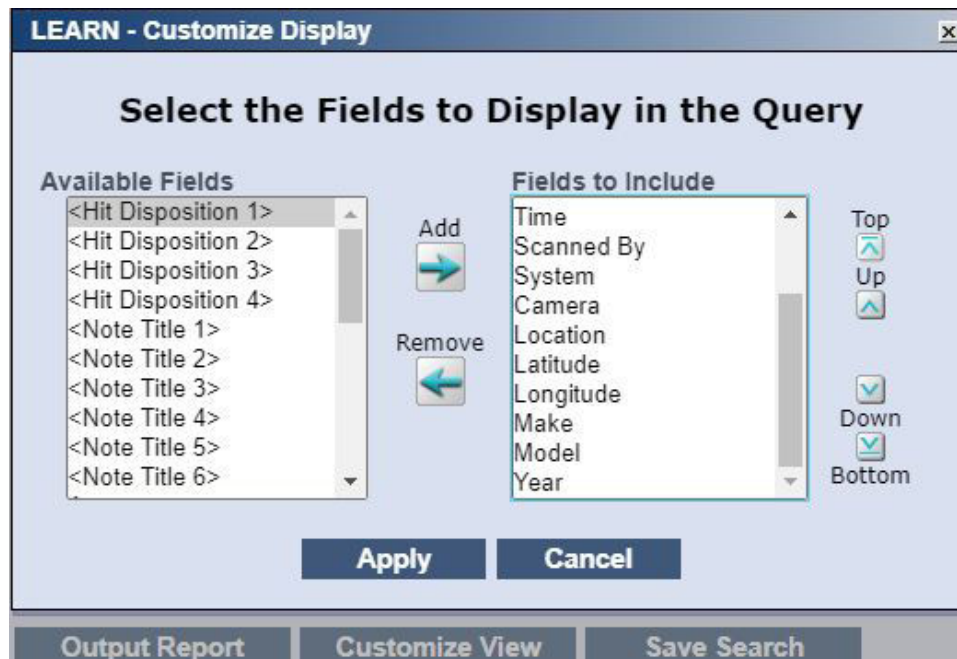
- 1 To view a larger version of the **Color Overview** image of the vehicle, hover over the license plate number in the **Plate** column.

**Figure 4: Search Results Mouse Over**



- 2 To add or remove fields from the search results if desired, click **Customize View** and perform one of the following actions:
  - To add a field, click the field in the **Available Fields** list and click **Add**.
  - To remove a field, click the field from the **Fields to Include** list and click **Remove**.These selections also affect the fields included in **Output Reports**.

Figure 5: Customize Display



- 3 Perform one of the following actions:
- To save the current search for later viewing, click **Save Search**.
  - To view past search results, click **Saved Search**.
  - To open the Detection Record Detail, click **View**.
  - To view a map of the location of the capturing camera along with scan details for the record selected in the search results, click **Map It**.
  - To select the desired file type for a downloadable report, click **Output Report**.

## Chapter 4

# Data Sharing

If desired, license plate detection data can be shared with other LEARN agencies, law enforcement agencies, and commercial enterprise sites. Agency Managers have specific control over whether data is shared or not, and with whom.



**NOTE:** This section is only applicable to Agency Managers.


### 4.1

## Sharing Data with Law Enforcement Agencies

### Procedure:

- 1 To share license plate data from Vigilant LEARN, navigate to **PlateSearch**→**Data Sharing**.
- 2 If desired, check the box next to the following External Server sharing option:

Table 2: External Server Sharing Options


Option	Description
Allow LPRD Detection Sharing	Support for legacy LPR data export formats. Leave this unchecked.
Share LPR Data with External LEARN Servers	Adds External LEARN servers to your available Detection sharing list. An External LEARN server is an instance of LEARN running on a server not hosted by Vigilant Solutions. This option also requires a LEARN administrator to configure a connection to the remote server.
Share contact info with Local Enterprise Sites	Displays your agencies' contact information with Vigilant's hosted Enterprise Solutions sites (Client Portal sites) within a 50 mile radius. This allows Vigilant ClientPortal site managers to see your LEARN agency and share commercial data with it.   <b>NOTE:</b> Only agency contact details are shared with Client Portal sites.

- 3 To select agencies from the list with which to share LPR detection data, click the **Add/Request** button.

Figure 6: Data Sharing

### Data Sharing

#### Detection Sharing (External Server)

- Allow LPRD Detection Sharing
- Share LPR Data with External LEARN Servers
- Share contact info with Local Enterprise Sites 

#### Detection Sharing (Internal Server)

Share With:

Livermore Engineering

**Add / Request**      **Remove**

Accept Shares From:

--All--

## Chapter 5

# Standalone Cameras

A standalone camera is one that is not used with a fixed camera system.

Fixed camera systems use an on-site server with additional utility for sending configuration information to Vigilant ClientPortal like GPS coordinates, timezone, and OCR region. Standalone cameras must have this information set manually.



**NOTE:** This section is only applicable to Agency Managers.

### 5.1

## Adding a New Standalone Camera

### Procedure:

- 1 From the home screen, click **Site Management**→**Standalone Cameras**.
- 2 To add a new standalone camera, click **New**.
- 3 Fill out the fields with the required information about the camera.

**Figure 7: Camera Information**

**Table 3: Camera Information Description**

Field	Description
Camera Name	Use the following location descriptive format for the camera name: Direction of travel (N/B or S/B), Street Name @ Cross Street , ( Entrance or Exit) , Serial Number (last 4 digits). For example: <ul style="list-style-type: none"> <li>• 'S/B Dawson @ Hampden (entrance) Serial #1158'</li> <li>• 'N/B Dawson @ Hampden (exit) Serial #1486'</li> </ul>
Serial #	The camera's serial number. This is used to send data from the camera to the Vigilant ClientPortal.
Location	Locations are used for Whitelisting and are created in <b>White-List Management</b> → <b>Locations</b> .
Address	Set by clicking the Pin icon and searching for the address of the camera.
OCR Region	The U.S. State that the camera resides in.
Time Zone	The Time Zone the camera resides in.
Occupancy Access	Denotes the camera as monitoring an occupancy entrance or exit of the zone.

Field	Description
Parking Enforcement	Settings for monitoring parking occupancy.

- 4 Click **OK** to create the camera.

When the camera is created, an account ID and token are automatically created.

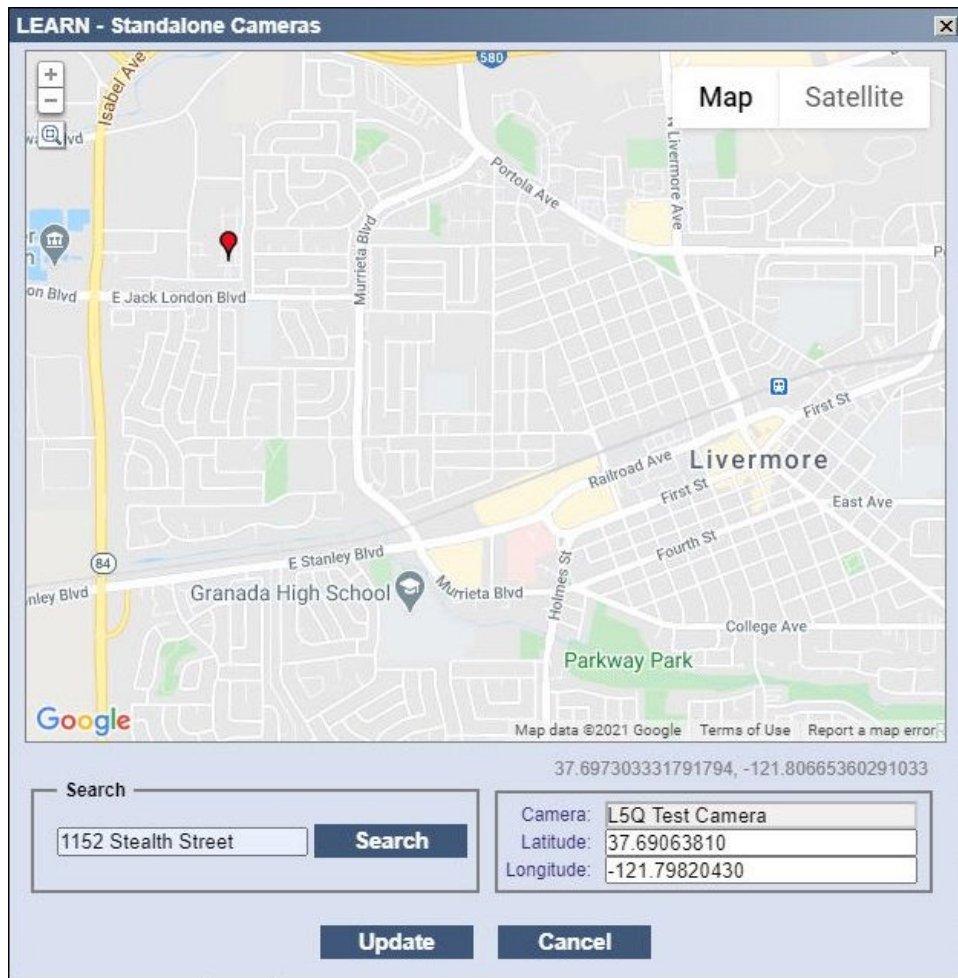
## 5.2

# Setting Location for Standalone Camera

### Procedure:

- 1 To set the location of the camera, click the **Pin** icon.

**Figure 8: Standalone Camera Map**



- 2 Enter the address of the camera into the Search bar and click **Search**.

The Latitude and Longitude fields will automatically populate for valid addresses. Alternatively, the Latitude and Longitude fields can manually be populated without an address.

- 3 To set the address of the camera, click **Update**→**OK**.



### 5.3 Viewing a Standalone Camera

**Procedure:**

- 1 To view the Account ID, Token and QR Code, click the camera in the Standalone Cameras list and click **View**.

**Figure 9: Standalone Camera View**

The screenshot displays the 'View Standalone Camera' configuration page. At the top, the title 'View Standalone Camera' is centered. Below it, the form is organized into several sections:

- General Information:** Includes 'Server-Side Name' (L5Q Test Camera), 'Serial Number' (12345), and a 'Traffic Analytics' checkbox. A blue 'Aim Camera' button is located to the right of the name field.
- Speed and Location:** Features a 'Speed Limit' field (empty) followed by 'mph', and a 'Location' dropdown menu currently set to 'Select'.
- Account and Token:** Shows the 'Account ID' (b9f131b6-7c20-42e8-b9c2-8f8b0b769a19) and a 'Token' field containing a long alphanumeric string. A 'Reset Token' button is positioned to the right of the token field.
- QR Code:** A large QR code is displayed, with a 'Print' button centered below it.
- Camera Location:** A section with a map icon, containing 'Latitude' (37.6906381) and 'Longitude' (-121.7982043) fields, an 'Address' field (1152 Stealth Street), an 'OCR Region' dropdown (California), and a 'Time Zone' dropdown (PST/PDT).
- Perimeter Surveillance:** A section with three radio buttons: 'Undefined' (selected), 'Entering', and 'Exiting'.
- Parking Enforcement:** A section with two checkboxes: 'White-List Mode' (with a 'minute Grace Period' field) and 'Digital Chalking' (with 'Hour(s)' and 'Minute(s)' fields). An information icon is located at the bottom right of this section.

- 2 In the **View Standalone Camera**, you can perform the following actions:

- To link the camera to Vigilant LEARN, scan the QR code with the Reconyx Connect App.
- To open the Aiming Tool, click **Aim Camera**.
- To display captured plates when the standalone camera is correctly configured, click **Aiming Tool**.



**NOTE:** The Aim Camera tool assists in determining the optimum capture distance and positioning relative of the camera to vehicles in the road.

#### 5.4

## Editing a Standalone Camera

### Procedure:

- 1 To edit an existing configuration of a camera, click **Edit**.



**NOTE:** Any of the information entered when the camera was created in Vigilant LEARN can be modified from the Edit page.